

ABSTRACT OF THE DISCLOSURE

5 The present invention discloses a method of dispersing cyclodextrins
into a base polymer. The method of the invention comprises reacting grafted
microfine polymer powder with a cyclodextrin to form a cyclodextrin-attached
grafted polymer, and mixing the cyclodextrin-attached grafted polymer and the base
polymer for a sufficient time that the cyclodextrin-attached grafted polymer is
10 dispersed within the base polymer. The present invention also provides several
cyclodextrin-inclusion complex products formed by the method of the invention.
This products include an antimicrobial polymer blend, a fragrant polymer blend, and
a dyed polymer blend.